EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|---------------------|---------|------------------|
| S1 | 24 | us-5788778-\$.did. or us-6055927-\$.did. or us-6182603-\$.did. or us-6203657-\$.did. or us-6225745-\$.did. or us-625831-\$.did. or us-6432255-\$.did. or us-676783-\$.did. or up-1118692-\$.did. or up-200424630-\$.did. us-20010006070-\$.did. or us-20010008803-\$. did. or us- 20020011210-\$.did. or us-20040129385-\$.did. or | US-PGPUB: USPAT: EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/03 14:23 |
| S2 | 8 | ("5306671" "5328558" "5350480" "5681780" "6110836" "6333268" "6346489" "6492272").PN. OR ("6767834").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/16 14:56 |
| S3 | 7 | ("5904800" "6110283" "6283060").PN. OR ("6432255").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/16 14:57 |
| S4 | 14 | ("4341941" "5397962" "5498308" "5734143" "5772832" "5792272" "5846883" "5908319").PN. OR ("6225745").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/16 14:59 |

| S5 | 43 | ("4051382" "4446815" "4461783" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/16 15:05 |
|-----|---|---|--|----|-----|------------------|
| | шининининининининининининининининининин | 1"4624214"1 "4724160" "4771730" "5015330" "5154135" "5254171" "5366585" "5449444" "5453125" "5548717" "5651826" "563806" "563806" "563806" "56384371" "5846332" "5812403" "5812403" "5812403" "5812403" "6882411" "6895548"),PN., OR (6055527"),URPN. | USTAT, USUCK | | | |
| S6 | 2 | ("5788778").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/12 11:12 |
| S7 | 5 | microwave adj l arrestor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 13:43 |
| S8 | 93 | (microwave with (stops and plasma)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 13:46 |
| S9 | 20 | (microwave with ((delimit\$3) and plasma)) not \$8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 14:25 |
| S10 | 0 | S9 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 14:25 |
| S11 | 2465 | (microwave with ((contain\$3) and plasma)) not (S8 or S9) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 14:30 |
| S12 | 568 | S11 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 14:31 |
| S13 | 384 | S12 and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 14:31 |

| S14 | 2465 | (microwaves with ((contain\$3) and plasma)) not (S8 or S9) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 14:31 |
|-----|------|--|--|----|----|------------------|
| S15 | 568 | S14 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 14:31 |
| S16 | 384 | S15 and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 14:31 |
| S17 | 46 | (waves with contain\$3) and \$16 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 14:32 |
| S18 | 24 | us-5788778-\$.did. or us-6055927-\$.did. or us-6182603-\$.did. or us-6203657-\$.did. or us-6225745-\$.did. or us-6225745-\$.did. or us-6263831-\$.did. or us-6767834-\$.did. or us-6767834-\$.did. or up-1118692-\$.did. or up-2004216430-\$.did. us-20010006070-\$.did. or us-200100008803-\$. did. or us-20020011210-\$.did. or us-20040129385-\$.did. | US-PGPUB: USPAT: EPO: JPO: DERWENT: IBM_TDB | OR | ON | 2005/07/13 08:28 |
| S19 | 8 | ("5306671" "5328558" "5350480" "5681780" "6110836" "6333268" "6346489" "6492272").PN. OR ("6767834").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 08:28 |
| S20 | 7 | ("5904800" "6110283" "6283060").PN. OR ("6432255").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 08:28 |
| S21 | 14 | ("4341941" "5397962" "5498308" "5734143" "5772832" "5792272" "5908319").PN. OR ("6225745").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 08:28 |

| S22 | 43 | ("4051382" "4446815" "4461783" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 08:28 |
|-----|--|---|--|----|-----|------------------|
| | линия в применения в применения В применения в приме | 1-4624214"1 "4724160" "4771730" "5015330"1 "5154135" "5254171" "5366585" "5449444" "5453125" "5472508" "5653806" "5653806" "5653807" "5804923" "5812403" "5882411" "5882411" "588548", PN. OR ("6055927"), URPN. OR | USFAT, USUCK | | | |
| S23 | 2 | ("5788778").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/13 08:28 |
| S24 | 5 | microwave adj l arrestor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:28 |
| S25 | 93 | (microwave with (stops and plasma)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:34 |
| S26 | 20 | (microwave with ((delimit\$3) and plasma)) not S25 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:28 |
| S27 | 0 | S26 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:28 |
| S28 | 20 | (microwave with ((delimit\$3) and plasma)) not \$25 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:28 |
| S29 | 2465 | (microwave with ((contain\$3) and plasma)) not (S25 or S26) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:28 |
| S30 | 568 | S29 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:28 |

| S31 | 384 | S30 and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:28 |
|-----|-------|--|--|----|----|------------------|
| S32 | 2465 | (microwaves with ((contain\$3) and plasma)) not (\$25 or \$26) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:28 |
| S33 | 568 | S32 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:28 |
| S34 | 384 | S33 and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:28 |
| S35 | 46 | (waves with contain\$3) and \$34 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:28 |
| S36 | 2 | (stops adj l microwaves) same (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:35 |
| S37 | 13 | (stops adj l microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 09:33 |
| S38 | 8 | (limits adj1 microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 09:35 |
| S39 | 48983 | (barrier near/3 microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 09:35 |
| S40 | 48983 | (barrier near/1 microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 09:37 |
| S41 | 204 | (barrier with microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 11:01 |
| S42 | 142 | S41 and (wafer or substrate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 10:16 |

| S43 | 15 | ("4699689" "4988644" "5262610" "5453125" "5747917").PN. OR ("5902404").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 10:47 |
|-----|-----|---|--|----|----|------------------|
| S44 | 26 | ("4401054" "4724159" "4857132" "5082517" "5138973" "5294571" "5403434" "5685949" "5902404" "6029062"),PN. OR ("6450116").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 10:59 |
| S45 | 104 | (shutter with microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 11:10 |
| S46 | 0 | (shutter with microwave) and (plasma and (chamber or reactor or vessel)) not S45 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 11:10 |
| S47 | 76 | (shutter same microwave) and (plasma and (chamber or reactor or vessel)) not S45 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 11:23 |
| S48 | 27 | ("3585540" "4825175" "4825175" "4825219" "5003687" "50049895" "5184046" "3325020" "5389154" "558700"),PN. OR ("5487875").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 11:15 |
| S49 | 27 | (shutter same microwave) and plasma and (wafer or substrate) not (S45 or S47) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 11:26 |
| S50 | 256 | shutter and 118/723M?. ccls. or 156/345.36. ccls. or 156/345.35. ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/14 14:04 |
| S51 | 181 | S50 and microwave | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 11:34 |
| S52 | 66 | shutter and (118/723M?.ccls. or 156/345.36.ccls. or 156/345.35.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 11:34 |

| S53 | 44 | S52 and microwave | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
|-----|----------|--|--|----|----|------------------|
| S54 | | us-5788778-S.did. or us-6055927-S.did. or us-618203-S.did. or us-62203657-S.did. or us-622368-1-S.did. or us-624328-1-S.did. or us-643225-S.did. or us-6767834-S.did. or p-200424630-S.did. us-20010006070-S.did. or us-2001000803-S. did. or us-2001008803-S. did. or us-20010008803-S. | US-PGPUB: USPAT: EPO: JPO: DERWENT: IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S55 | 8 | ("5306671" "5328558" "5350480" "5681780" "6110836" "6333268" "6346489" "6492272"),PN, OR ("6767834"),URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:13 |
| S56 | 7 | ("5904800" "6110283" "6283060").PN. OR ("6432255").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:13 |
| S57 | 14 | ("4341941" "5397962" "5498308" "5734143" "5772832" "5792272" "55968319").PN. OR ("6225745").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:13 |
| S58 | 243 3 | ("4051382" "444618" "44461783" "4464618" "4461783" "4724160" "4771730" "5015330" "5154135" "5254171" "5346885" "5449444" "5453125" "54572508" "5558717" "5651826" "5653806" "5758778" "5804023" "5812403" "5812403" "5812403" "5824711" "5846332" "582548").PN. OR ("6055927").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:13 |

| S59 | 2 | ("5788778").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/13 13:13 |
|-----|------|---|--|----|-----|------------------|
| S60 | 5 | microwave adj l arrestor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S61 | 93 | (microwave with (stops and plasma)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S62 | 20 | (microwave with ((delimit\$3) and plasma)) not \$61 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S63 | 0 | S62 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S64 | 20 | (microwave with ((delimit\$3) and plasma)) not S61 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S65 | 2465 | (microwave with ((contain\$3) and plasma)) not (S61 or S62) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S66 | 568 | S65 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S67 | 384 | S66 and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S68 | 2465 | (microwaves with ((contain\$3) and plasma)) not (S61 or S62) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S69 | 568 | S68 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S70 | 384 | S69 and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2005/07/13 13:13 |

| S71 | 46 | (waves with contain\$3) and \$70 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
|-----|------|---|--|----|----|------------------|
| S72 | 93 | (microwave with (stops and plasma)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S73 | 20 | (microwave with ((delimit\$3) and plasma)) not S72 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S74 | 0 | S73 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S75 | 2465 | (microwave with ((contain\$3) and plasma)) not (\$72 or \$73) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S76 | 568 | S75 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S77 | 2465 | (microwaves with ((contain\$3) and plasma)) not (\$72 or \$73) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S78 | 568 | S77 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S79 | 384 | S78 and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:13 |
| S80 | 24 | us-5788778-\$.did. or us-6055927-\$.did. or us-6182607-\$.did. or us-62203657-\$.did. or us-6225745-\$.did. or us-6263831-\$.did. or us-6432255-\$.did. or us-6767834-\$.did. or up-1118692-\$.did. or up-2004104630-\$.did. us-20010006070-\$.did. or us-20010008803-\$. did. or us- 20020011210-\$.did. or us-2004129385-\$.did. or | US-PGPUB: USPAT: EPO: JPO: DERWENT: IBM_TDB | OR | ON | 2005/07/13 13:13 |

| S81 | 8 | ("5306671" "5328558" "5350480" "5681780" "6110836" "6333268" "6346489" "6492272").PN. OR ("6767834").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:13 |
|-----|---|--|--|----|-----|------------------|
| S82 | 7 | ("5904800" "6110283" "6283060").PN. OR ("6432255").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:14 |
| S83 | 14 | ("4341941" "5397962" "5498308" "5734143" "5772832" "5792272" "5846883" "5908319").PN. OR ("6225745").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:14 |
| S84 | *************************************** | ("4051382" "4446815" "44461783" "4446815" "44461783" "4624214" "4724160" "4771730" "515330" "5154135" "5254171" "5366585" "5449444" "5453125" "5472508" "5558717" "5651826" "5558306" "5788778" "5804923" "5812403" "5812403" "5882411" "5893431" 1"5846332" "5882411" "58927", URPN. OR | US-PGPUB: USPAT; USOCR | OR | ON | 2005/07/13 13:14 |
| S85 | 2 | ("5788778").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/13 13:14 |
| S86 | 5 | microwave adj I arrestor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S87 | 93 | (microwave with (stops and plasma)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S88 | 20 | (microwave with ((delimit\$3) and plasma)) not \$72 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |

| S89 | 46 | (waves with contain\$3) and S79 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
|-----|-------|---|--|----|----|------------------|
| S90 | 384 | S76 and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S91 | 2 | (stops adj 1 microwaves) same (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S92 | 13 | (stops adj 1 microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S93 | 8 | (limits adj1 microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S94 | 48983 | (barrier near/3 microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S95 | 48983 | (barrier near/1 microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S96 | 204 | (barrier with microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S97 | 142 | S96 and (wafer or substrate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S98 | 15 | ("4699689" "4988644" "5262610" "5453125" "5747917").PN. OR ("5902404").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:14 |
| S99 | | ("4401054" "4724159" "4857132" "5082517" "5138973" "5294571" "5403434" "5685949" "5902404" "6029602").PN. OR ("6450116").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:14 |

| S100 | 104 | (shutter with microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
|------|-----|--|--|----|----|------------------|
| S101 | 0 | (shutter with microwave) and (plasma and (chamber or reactor or vessel)) not \$100 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S102 | 76 | (shutter same microwave) and (plasma and (chamber or reactor or vessel)) not \$100 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S103 | 27 | ("3585540" "4825175" "4836767" "4825175" "4825219" "5003687" "5049895" "5184046" "5325020" "5389154" "5587009"),PN. OR ("5487875"),URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:14 |
| S104 | 27 | (shutter same microwave) and plasma and (wafer or substrate) not (S100 or S102) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S105 | 256 | shutter and 118/723M?. ccls. or 156/345.36. ccls. or 156/345.35. ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S106 | 181 | S105 and microwave | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S107 | 66 | shutter and (118/723M?.ccls. or 156/345.36.ccls. or 156/345.35.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S108 | 44 | S107 and microwave | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:14 |
| S109 | 75 | \$105 not \$106 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |

| S110 | ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;; | us-5788778-5.did. or us-6055927-5.did. or us-6182603-5.did. or us-6203657-5.did. or us-6225745-5.did. or us-6263831-5.did. or us-6767834-5.did. or up-1118692-5.did. or up-2004214650-5.did. us-20010006070-5.did. us-200100008803-5. did. or us-20011210-5.did. or us-20040129385-5.did. | US-PGPUB: USPAT: EPO; JPO; DERWENT; IBM_TDB | MOR | ON | 2005/07/13 13:16 |
|------|--|---|--|-----|----|------------------|
| S111 | 8 | ("5306671" "5328558" "5350480" "5681780" "6110836" "6333268" "6346489" "6492272").PN. OR ("6767834").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:16 |
| S112 | 7 | ("5904800" "6110283" "6283060").PN. OR ("6432255").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:16 |
| S113 | 14 | ("4341941" "5397962" "5498308" "5734143" "5772832" "5792272" "5846883" "5908319").PN. OR ("6225745").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:16 |
| S114 | £43 | ("4051382" "4446815" "44461783" "44244618" "4471730" "4724160" "4771730" "5154335" "5254171" "5154335" "5254171" "5366585" "5449444" "5453125" "5788778" "5561826" "5788778" "5804923" "5883437" "5846332" "5882411" "5882411" "5882411" "589548").PN. OR ("6055927").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:16 |

| S115 | 12 | ("5788778").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/13 13:16 |
|------|------|---|--|----|-----|------------------|
| S116 | 5 | microwave adj l arrestor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S117 | 93 | (microwave with (stops and plasma)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S118 | 0 | S62 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S119 | 20 | (microwave with ((delimit\$3) and plasma)) not S61 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S120 | 2465 | (microwave with ((contain\$3) and plasma)) not (S61 or S62) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S121 | 568 | S65 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S122 | 384 | S66 and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S123 | 2465 | (microwaves with ((contain\$3) and plasma)) not (S61 or S62) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S124 | 568 | S68 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S125 | 384 | S69 and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S126 | 46 | (waves with contain\$3) and S70 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |

| S127 | 20 | (microwave with ((delimit\$3) and plasma)) not \$72 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
|------|------|--|--|----|----|------------------|
| S128 | 0 | S73 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S129 | 2465 | (microwave with ((contain\$3) and plasma)) not (\$72 or \$73) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S130 | 568 | S75 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S131 | 2465 | (microwaves with ((contain\$3) and plasma)) not (\$72 or \$73) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S132 | 568 | S77 and (controller or computer or CPU) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S133 | 384 | S78 and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S134 | 24 | us-5788778-\$.did. or us-6055927-\$.did. or us-618205-\$.did. or us-6203657-\$.did. or us-6225748-\$.did. or us-6225748-\$.did. or us-6432255-\$.did. or us-64632255-\$.did. or up-1118692-\$.did. or up-200421630-\$.did. us-20010006070-\$.did. or us-200100008803-\$. did. or us- 20020011210-\$.did. or us-20040129385-\$.did. | US-PGPUB: USPAT; EPO: JPO: DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S135 | 8 | ("5306671" "5328558" "5350480" "5681780" "6110836" "6333268" "64946489" "6492272").PN. OR ("6767834").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:16 |

| S136 | 7 | ("5904800" "6110283" "6283060").PN. OR ("6432255").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:16 |
|------|-----|---|--|----|-----|------------------|
| S137 | 14 | ("4341941" "5397962" "5498308" "5734143" "5772832" "5792272" "5846883" "5908319"),PN. OR ("6225745"),URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:16 |
| S138 | £43 | ("4051382" "4446815" "44461783" "4464815" "44461783" "4724160" "4771730" "5151330" "5154135" "5254171" "5366385" "54494444" "5453125" "557858717" "5651826" "5788778" "5804923" "5812403" "5812403" "5882411" "5895548"),PN, OR ("6055927"),URPN, | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:16 |
| S139 | 2 | ("5788778").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/13 13:16 |
| S140 | 5 | microwave adj l arrestor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S141 | 93 | (microwave with (stops and plasma)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S142 | 20 | (microwave with ((delimit\$3) and plasma)) not \$72 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S143 | 46 | (waves with contain\$3) and \$79 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S144 | 384 | S76 and pump | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |

| S145 | 2 | (stops adj l microwaves) same (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
|------|-------|---|--|----|----|------------------|
| S146 | 13 | (stops adj 1 microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S147 | 8 | (limits adj1 microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S148 | 48983 | (barrier near/3 microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S149 | 48983 | (barrier near/1 microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S150 | 204 | (barrier with microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S151 | 142 | S96 and (wafer or substrate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S152 | 15 | ("4699689" "4988644" "5262610" "5453125" "5747917").PN. OR ("5902404").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:16 |
| S153 | 226 | ("4401054" "4724159" "4857132" "5082517" "5138973" "5294571" "5403434" "5685949" "5902404" "6029602").PN. OR ("6450116").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:16 |
| S154 | 104 | (shutter with microwaves) and (plasma and (chamber or reactor or vessel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S155 | 0 | (shutter with microwave) and (plasma and (chamber or reactor or vessel)) not \$100 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |

| S156 | 76 | (shutter same microwave) and (plasma and (chamber or reactor or vessel)) not \$100 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:20 |
|------|-----|--|--|----|----|------------------|
| S157 | 27 | ("3585540" "4825175" "4825175" "4825219" "5003687" "5049895" "5184046" "3325020" "5389154" "5587009"),PN. OR ("5487875").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/13 13:16 |
| S158 | 27 | (shutter same microwave) and plasma and (wafer or substrate) not (S100 or S102) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S159 | 256 | shutter and 118/723M?. ccls. or 156/345.36. ccls. or 156/345.35. ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S160 | 181 | S105 and microwave | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S161 | 66 | shutter and (118/723M?.ccls. or 156/345.36.ccls. or 156/345.35.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S162 | 44 | S107 and microwave | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:16 |
| S163 | 94 | (shutter same microwave) and (plasma and (wafer or substrate)) not \$100 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:21 |
| S164 | 359 | (shield same microwave) and (plasma and (wafer or substrate)) not \$100 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:21 |
| S165 | 223 | (shield with microwave) and (plasma and (wafer or substrate)) not \$100 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:52 |
| S166 | 37 | zheng-bo.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:53 |

| S167 | 12 | (waveguide with shutter) and ("156"/\$. ccls. or "118"/\$.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/14 13:03 |
|------|-----|--|--|----|-----|------------------|
| S168 | 2 | "4,888,199".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/14 13:03 |
| S169 | 6 | (("5,788,778") or ("5,411,591") or ("4,888,199")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/14 14:04 |
| S170 | 113 | (US-5328558-S or US-6055927-S or US-5788778-S or US-5788778-S or US-6910440-S or US-580769-S or US-6450116-S or US-6450116-S or US-500240-4-S or US-5411591-S or US-547875-S or US-547267-S),did. or (IP-05129235-S),did. | USPAT; JPO | OR | ON | 2006/05/15 07:56 |
| S171 | 2 | ("5788778").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/25 13:16 |
| S172 | 2 | ("5788778").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/03 14:23 |
| S173 | 113 | (US-5980769-\$ or US-6910440-\$ or US-6450116-\$ or US-6450116-\$ or US-6369493-\$ or US-5902404-\$ or US-5487875-\$ or US-5328558-\$ or US-6055927-\$ or US-620942-\$ or US-567267-\$ or US-5411591-\$ or | USPAT; JPO | OR | ON | 2009/01/12 10:51 |

| S174 | 13 | (US-5980769-S or US- 6910440-S or US- 6450116-S or US- 6369493-S or US- 5902404-S or US- 5487875-S or US- 5328558-S or US- 6055927-S or US- 6055927-S or US- 5209482-S or US- 5411501-S),did. or (IP- 05129235-S),did. | USPAT; JPO | OR | ON | 2009/03/23 10:22 |
|------|------|---|--|----|----|------------------|
| S175 | 4 | S174 and (deposition same (hydrogen or "H. sub.2")) | USPAT; JPO | OR | ON | 2009/03/23 10:50 |
| S176 | 787 | (remot\$3 adj1 plasma) and (deposition same (hydrogen or "H. sub.2")) | USPAT; JPO | OR | ON | 2009/03/23 10:52 |
| S177 | 1585 | (remot\$3 adj1 plasma) and (deposition same (hydrogen or "H. sub.2")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/23 10:52 |
| S178 | 1016 | (remot\$3 adj1 plasma) and (deposition with (hydrogen or "H. sub.2")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/23 10:52 |
| S179 | 947 | S178 and (chamber or reactor) and (wafer or substrate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/23 10:53 |
| S180 | 867 | \$179 not "texas instruments".asn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/23 10:59 |

| S181 | 28 | ("3926715" "3943015" "4477311" "4764248" "4789645" "4820378" "4879047" "4906328" "4813929" "4913929" "5067437" "5072263" "5138973" "5138973" "5360769" "5374570" "5376593" "5336383" "5482739" "5348739" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/23 12:01 |
|------|-----|--|--|----|----|------------------|
| S182 | 98 | "5492854" "5504029" "5508067" "5591494" "5968587" "6167834").PN. Raaijmakers-Ivo.in. | US-PGPUB; | OR | ON | 2009/03/23 12:02 |
| S183 | 111 | and plasma scrubber and (remote | USPAT; USOCR US-PGPUB; | OR | ON | 2009/03/23 12:06 |
| 3193 | 111 | adj1 plasma) | US-PGPUB; USPAT; USOCR | UK | ON | 2009/05/25 12:06 |
| S184 | 5 | Werkhoven-Chris.in. and plasma | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/23 12:08 |
| S185 | 0 | S177 and "19971107". ad. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/23 12:37 |
| S186 | 38 | S180 and @py<"1998" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/23 12:39 |
| S187 | 94 | S180 and @ay<"1998" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/23 13:12 |
| S188 | 16 | moslehi.in. and nonplasma | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/23 13:16 |
| S189 | 13 | S188 and (hydrogen or "H.sub.2") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/23 13:19 |

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|---|----|--------------------|-----------------|----|----|------------------|
| S190 | 13 | S189 and nonplasma | US-PGPUB; | OR | ON | 2009/03/23 13:20 |
| II . | | | USPAT; USOCR; | | | |
| | | | FPRS; EPO; JPO; | | | |
| | | | DERWENT; | | | |
| | 4 | | IBM_TDB | | | |
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